JOURNALS BY DEPARTMENT : COMPUTER AND SOFTWARE ENGINEERING

Most popular journals at Polytechnique Montréal and summary of archiving permissions for PolyPublie

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Chemical Engineering

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Computer and Software Engineering

Mechanical Engineering

Engineering Physics

Mathematics and Industrial Engineering

Civil, Geological and Mining Engineering

Journals: Top 25

The Three Versions of a Journal Article

JOURNALS IN COMPUTER AND SOFTWARE ENGINEERING

Here are **the principal journals** in which Polytechnique Montréal professors in the Computer and Software Engineering Department have published the most, in the last five years (**2019 to 2023**).

- **Number of articles** for the **Computer and Software Engineering Department** only
- **2023 impact factors (and quartile ranking)** taken from Journal Citation Reports
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Important note about comparing impact factors and quartile rankings: The impact factor of a journal is determined by the number of citations of its articles. For more details, consult the guide Promoting Your Research Activities - Journal Impact. Also, citation practices are often very different from one field to another and professors in the same department can publish in several fields. Therefore, caution should be used when comparing impact factors. It would be wrong to conclude that journals with the highest impact factor in this list are automatically the most prestigious or the most renowned.

The quartile rank corresponds to the journal's position among journals in the same category, sorted in descending order by impact factor. For example, a journal in the 1st quartile (Q1) has a better impact factor than at least 75% of journals in the same category. (The categories are those of Web of Science. They generally correspond to a specific theme. e.g.: "Engineering, Aerospace," "Plant Sciences," etc.).

Number of Articles ▼

Quartile

Journal Title

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Empirical Software Engineering - Springer Nature

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IEEE Access - IEEE

Impact Factor: 3.4 (Q2)

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Information and Software Technology - Elsevier

Impact Factor: 3.8 (Q1)

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IEEE Transactions on Software Engineering - IEEE

Impact Factor: 6.5 (Q1)

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IEEE Robotics and Automation Letters - IEEE

Impact Factor: 4.6 (Q2)

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ACM Transactions on Software Engineering and Methodology - ACM

Impact Factor: 6.6 (Q1)

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Journal of Systems and Software - Elsevier

Impact Factor: 3.7 (Q1)

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IEEE Internet of Things Journal - IEEE

Impact Factor: 8.2 (Q1)

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IEEE Software - IEEE

Impact Factor: 3.3 (Q2)

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IEEE Transactions on Cloud Computing - IEEE

Impact Factor: 5.3 (Q1)

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Medical Image Analysis - Elsevier

Impact Factor: 10.7 (Q1)

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Physics in Medicine & Biology - IOP

Impact Factor: 3.3 (Q1)

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IEEE Transactions on Medical Imaging - IEEE

Impact Factor: 8.9 (Q1)

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International Journal of Computer Assisted Radiology and Surgery - Springer Nature

Impact Factor: 2.3 (Q2)

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IEEE Network - IEEE

Impact Factor: 6.8 (Q1)

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Journal of Machine Learning Research - Microtome

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ACM Computing Surveys - ACM

Impact Factor: 23.8 (Q1)

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Autonomous Robots - Springer Nature

Impact Factor: 3.7 (Q2)

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Electric Power Systems Research - Elsevier

Impact Factor: 3.3 (Q2)

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Scientific Reports - Springer Nature

Impact Factor: 3.8 (Q1)

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IEEE Transactions on Biomedical Engineering - IEEE

Impact Factor: 4.4 (Q2)

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IEEE Transactions on Mobile Computing - IEEE

Impact Factor: 7.7 (Q1)

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IEEE Transactions on Services Computing - IEEE

Impact Factor: 5.5 (Q1)

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International Journal of Radiation Oncology Biology Physics - Elsevier

Impact Factor: 6.4 (Q1)

Show more

Journal of Artificial Intelligence Research - AI Access Foundation

Impact Factor: 4.5 (Q2)

Show more

Journal of Biomedical Optics - SPIE

Impact Factor: 3.0 (Q2)

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Journal of Information Security and Applications - Elsevier

Impact Factor: 3.8 (Q2)

Show more

Radiotherapy and Oncology - Elsevier

Impact Factor: 4.9 (Q1)

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